ZENEC
TOUCH ANOTHER WORLD

Z-N720

Universal

Hema maps

WWW.ZENEC.COM.AU

ZENEC Z-N720 – Navigation · Entertainment · Communication

ZENEC's multimedia navigation systems use the most advanced technologies and offer you the very best quality with an enormous range of features in an easy to use format. ZENEC is the market leader in German speaking countries for in-car multimedia and navigation devices. With each new product generation, they are consistently extending their position as the market leader.

The first of a new kind - Innovation at its best

The Z-N720 is the first naviceiver of a new generation in the ZENEC range. Equipped with the latest technology in terms of multimedia, navigation and Bluetooth hands free functionality. Although the Z-N720 may look like your standard 2-DIN device, this innovative high tech naviceiver is fitted with a removable front panel and thereby overcomes the limitations of the old DIN standard which was established in 1984.

The detachable front panel design provides for two different mounting and integration options. You can have it installed with a separate 2-DIN mounting kit or achieve a higher standard of technical and aesthetic integration with a mounting kit from the "OmniMask"* range, which will give the Z-N720 a closer resemblance to the OE factory navigation systems.

Multimedia on the move

Enjoy a whole range of digital entertainment through either the integrated CD/DVD player or the USB port, both of which allow for the playback of all the current media and A/V formats.

Using a separately available cable, you can connect your iPod or iPhone easily to the ZENEC naviceiver and control it via the touchscreen.

The in built AM/FM radio tuner has a full range of RDS functions and many additional user friendly features such as 30 station presets or the Best Station Memory.

The Z-N720 also comes equipped with a built-in 4 x 40 W amplifier that ensures the sound quality of your music is not lost. You can also connect another external power amp to the 4.1 preamp output.

Communicate on the go

The Z-N720 uses an integrated hands-free system from Parrot, the leader in Bluetooth technology, which communicates perfectly with your phone and leaves you free to make and receive calls while driving. For users who prefer listening to music stored on their mobile phone, A2DP with AVRCP 1.4 is supported.

Navigate with ease

For navigation, the Z-N720 comes with the latest Australian & New Zealand mapping content pre-loaded on a microSD card. This map data includes more than 750,000 Premium Points of Interest, an integrated trip computer, Auto Zoom, Lane Assistant and Smart Mode.

This map data can be updated using the microSD card at any time on your windows based computer. This means that the Z-N720 can have the most up-to-date navigation installed.

*The separately available "OmniMask" kits for a selected range of vehicles always include the car specific front panel, the CAN/Stalk interface and other accessories required for the installation and connection of the Z-N720.

Features

TOUCH PANEL
6.2"/15.7 cm TFT LCD PANEL
FM TUNER WITH DSP
DVD
XVID Mobile
USB 2.0
GRACENOTE PLAYLIST PLUS™
PARROT BT WITH SEARCH FUNCTION
A2DP +AVRCP 1.4
24 bit D/A CONVERTER
Made for iPod
Made for iPhone
DSP HPF/LPF CROSSOVER
4.1CH 4V LINE-OUT
BUILT-IN PHANTOM 12V POWER
MULTI COLOR BUTTON ILLUMINATION
DAY/NIGHT MODE HMI
DVB-T Ready
DAB+ Ready
REAR VIEW CAM INPUT
SECURITY CODE
FULL MAP BUNDLE
NAV SPLIT SCREEN
4GB 4 MICRO SDHC NAV MEMORY
STALK/CAN INTERFACE READY
24 SELECTABLE HMI LANGUAGES
DESIGNED FOR OMNIMASK PANELS

POWERED BY gracenote

Wireless Communication via Bluetooth

The Z-N720 is equipped with a high-tech Bluetooth module from Parrot, the specialist for mobile communications, which gives you the convenience of operating a Bluetooth-capable mobile phone. This guarantees you a wide range of functions and maximum compatibility with many different mobile phone models.

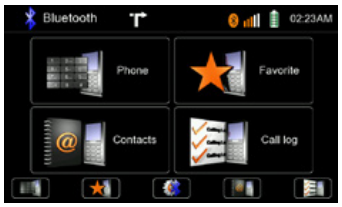
With ZENEC devices you can make phone calls in excellent quality - either using the integrated microphone or the multi-directional, freely positionable external microphone supplied with your Z-N720. Thanks to the innovative audio DSP, unwanted ambient sounds are filtered out more efficiently to offer improved sound clarity.

The Parrot Bluetooth module enables very easy operation while driving. The caller's number, phone book entries and other information are clearly shown on the screen. Also, if compatible, the address book of your mobile phone is automatically synchronized with the naviceiver.

You can easily search for phonebook entries – simply type in the initial letters of the contact you want to dial. This search function makes finding a specific contact quick and easy. Even special characters are no problem thanks to the multilingual keypad.

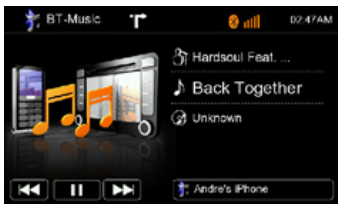
The firmware of the Bluetooth component can be conveniently updated using a USB stick if, for example, you would like to use a brand new mobile phone model. Thus, the range of compatible mobile phones can be expanded, keeping Bluetooth on the device up-to-date.

Bluetooth Features:
• Connection of up to 3 mobile phones • Synchronization of up to 1,000 contacts with max. 5 telephone numbers per contact • Alphabetical search function for contacts • Multilingual input keypad, including special characters and special letters • Quick-Dial menu for up to 6 favourite contacts • Memory for dialled, received and missed calls • Redialling • Switch between hands-free and mobile phone • BT-music streaming via A2DP with AVRCP 1.4 • Internal and external microphone • Upgradable Bluetooth firmware.

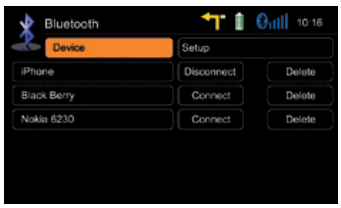


Making calls
Use the clear Bluetooth menu to easily control all telephone functions - a touch is all it takes.

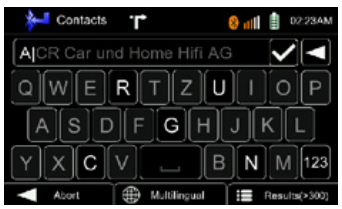
Easy connections
You can connect up to 3 mobile phones to the Z-N720, each having 1,000 contacts. The address book of your mobile synchronizes with the ZENEC naviceiver automatically.



Music over your mobile phone
Music stored in your mobile phone can be played back over the Z-N720 thanks to A2DP and AVRCP 1.4. The playback is easily controlled via the touchscreen.



Clear management
With the Z-N720 you never lose track: at a glance you can see all the connected mobile phones and manage these conveniently via the touchscreen of the naviceiver.

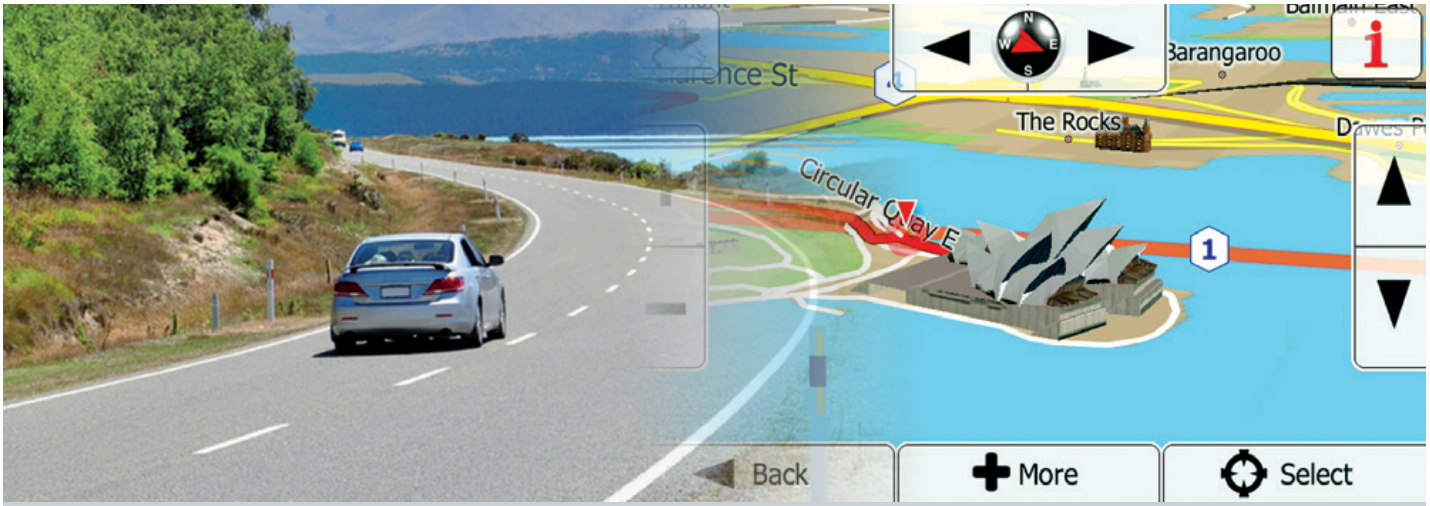


Fast contact search
The alphabetic search function makes finding a contact easier. Simply type in the initial letters. You can search using up to 15 letters.

Quick-Dial menu
Phone numbers that you use frequently can simply be saved as favorites – so you have fast access to your most important contacts at all times.

Comfortable contact management
You can search for a contact in the phonebook or in the favourites list. But you can also display the list of dialled, received and missed calls.

No missed calls
The ZENEC Bluetooth system allows for multiple calls so that you can conveniently switch back and forth between two active telephone calls.



Your Perfect Navigator

The Z-N720 combines up-to-date entertainment features with an innovative SD card based GPS navigation system. The ZENEC unit has the latest maps of Australia and New Zealand (with Premium POI), which appear highly realistic, thanks to the 3D high-definition rendering of terrain and 3D objects.

ZENEC's navigation software makes the destination and route selection even easier and more intuitive. The "Quick Menu" provides access to all navigation functions. Fastest, easiest and shortest route calculation modes provide the user with a choice to suit personal driving habits.

The Z-N720 naviceiver allows navigation splitscreen mode on the TFT LCD screen for all audio sources and Bluetooth. With the "Parking Around" function appropriate parking spots near you will start to show up, once you approach your final destination.

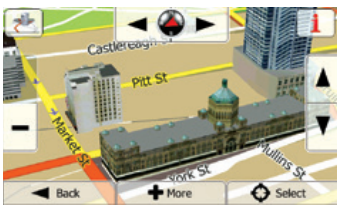
Features like the Real Junction View function, the Lane Assistant or the Auto Zoom at crossings and junctions assist orientation in more complex traffic situations. Part of the extensive feature set is the visual and audible warnings to indicate speed limits on major roads, school zones, safety cameras and high accident zones.

For best overview, a turnkey arrow screen insertion can be displayed during active route guidance for both audio playback and Bluetooth operation modes.

You can update the Z-N720 content package, expand the navigation content with additional maps or download the newest 3D city maps anytime, using the www.zenec.naviextras.com portal.

Navigate through Australia & New Zealand the clever way
Detailed maps of Australia & New Zealand make sure you know where you are at all times.

Latest Map Guarantee
Have confidence in the navigation knowing that your Z-N720 comes pre-installed with the latest maps available and complimentary updates for one year. Future map updates can be purchased through the Naviextras Toolbox.



High-resolution 3D maps
The high-resolution WVGA display of the Z-N720 ensures that all maps appear crystal clear. 3D orientation points and very realistic 3D city maps make navigation in big cities even more comfortable for you.

Topographic maps
Realistic 3D landscape views lead you through complex terrains. Choose between different designs for day and night. Thanks to a light sensor, the Z-N720 can automatically switch between day and night HMIs.

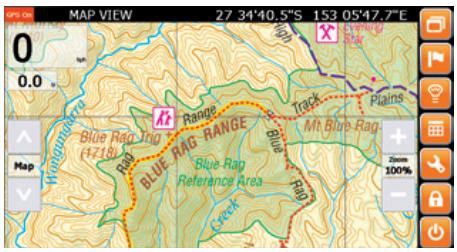
Real Junction View
Features like the new photo-realistic Real Junction View of exit points on freeways, the Lane Assist and the Auto Zoom function at junctions and exit points facilitate orientation, particularly in complex traffic situations.

Nav Day/Night Mode
In navigation mode, the Z-N720 also features an automatic day/night mode switching, controlled via GPS signal. This provides maximum contrast for daylight conditions and prevents glare at night.

Optional Hema 4WD Nav Upgrade

Now you can add full topographical mapping with Hema 4WD Nav. With the optional Hema 4WD Nav Upgrade, you can have a powerful 2 in 1 Navigator by simply choosing the navigation you want to use via the Launcher Screen.

- Plan trips with customized waypoints & routes
- Record a track log of your journey
- Hema Maps is the most trusted source of maps for Australian four-wheel drivers and tourers
- Maps at varying scales gives users the details they need for their journey
- Detailed 4WD and touring maps for Australia's many iconic and lesser-known off-road journeys and destinations
- Hema Maps' entire digital collection of 4WD and touring maps are preloaded
- Seamless Australia-wide touring mapping (Australia 1:1 Million)
- Seamless Australia-wide topographical mapping (Australia Topo 1:250,000)
- Hema State maps
- Hema Maps have personally field-checked over 300,000km of outback roads and tracks to ensure their maps are accurate

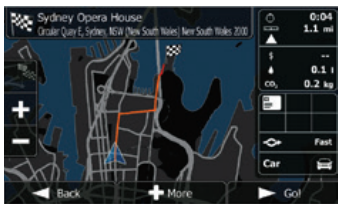


Navigation Features

- microSD card based 3D High-Definition splitscreen navigation with map data for Australia and New Zealand
- Premium POI bundle
- TTS Pro voice guidance
- 2D or 3D map view with Auto Zoom and realistic display of 3D terrains and 3D landmarks
- Auto Zoom function at intersections and crossings
- Real Junction View and highway mode with Real Signpost rendering
- Tunnel mode
- Smart Route Planning
- Calculation of Real-Time Route Alternatives
- Detour Hint function
- Outlook address import
- "Where Am I?" function
- Parking Around Algorithm
- Visual and audible warning to indicate speed limits on major roads
- Trip computer: configurable display of three additional pieces of information, with the choice of arrival time, journey time, speed, direction, height above sea level, etc.
- Comlimentary map updates for one year
- Map updates via the online-portal: www.zenec.naviextras.com

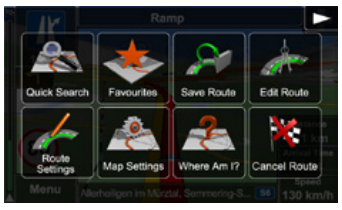
Reach Points Of Interest (POI) fast
The Z-N720 has a Premium POI database with more than 750,000 entries. Using the well designed search menu makes it easy to select special destinations.

Intelligent destination input
To select a desitnation, you need to enter only a few letters - the Z-N720 completes your input and automatically proposes appropriate destinations.

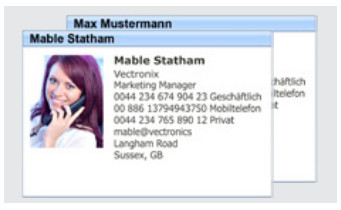


Intelligent route planning
So that you can optimize the route exactly as you want, you have a choice between various route calculation methods: short, fast and easy.

Practical trip computer
The trip computer gives you a summary of the most important trip data, such as your average speed, arrival time or real travel time to destination.



"Where Am I?" function
With the Z-N720 you are well prepared for all emergencies: Use the "Where Am I?" function to find hospitals, police stations, ATMs, petrol stations and much more in your vacinity - all available at your fingertips.



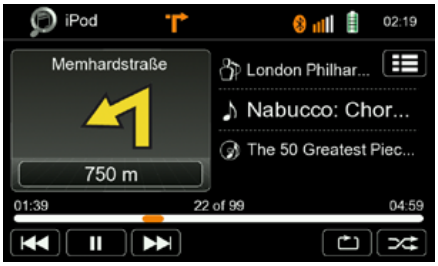
Importing your Outlook contacts
Have you saved important contacts on your computer in MS Outlook? You can easily import these contacts directly into the navigation software of the Z-N720 by using the Naviextras Toolbox.

Front panels in high gloss black and matte
The set content includes two front panels in black matt and high gloss. The "click-on design" 2-DIN main front panel is affixed to the main device body just before the installation is completed. Almost all commonly available vehicle-specific 2-DIN installation kits of current accessory suppliers are suitable for use with the Z-N720.

Steering Wheel Remote Control integration
The Z-N720 is connected via the vehicle-specific CAN bus interface to the factory installed Steering Wheel Remote Control. The multimedia functions and telephone functionality of the Steering Wheel Remote Control are supported.

Multicolor button illumination
For best optical integration into the vehicle interior and optimum match to the instrument cluster illumination the ZENEC Z-N720 offers multicolor button illumination, e.g. a user selectable choice of six predefined button illumination colors.

Up-to-date navigation
The full Australian & New Zealand navigation package is provided on a 4 GB SD card. This runs a customized iGO primo navigation engine and contains over 750,000 Premium POI as well as other useful add-ons. You can easily perform map updates by connecting your SD card to a Windows PC and downloading new content using Naviextras Toolbox.



Nav splitscreen
The ZENEC naviceiver allows navigation splitscreen mode on the touchscreen for all audio sources, including the Bluetooth source mode.

All-round information
Thanks to the infobar function, you will be notified of incoming calls and/or audio features without leaving the navigation mode. In other playback modes, there is also a navigation infobar to keep you updated when to take the next turn or exit.

Optimized ease of use
The clearly designed menus are self-explanatory and easy to operate. Large control fields and logically structured navigation ensure that the Z-N720 can also be controlled safely while you are driving.

Gracenote Playlist Plus
The Gracenote "More Like This" feature stands for the "one-click" generation of style and genre based playlists in USB playback mode by pre-selecting a single song/track.

Simple connection of iPod/iPhone
Connect your iPod/iPhone to the Z-N720 device via the USB port. The display of Apple Album Art is integrated in the iPod/iPhone menu. This menu also gives you the facility to search for a title or an artist alphabetically.

FM Tuner with DSP
The analog radio receiver front-end of ZENEC's Z-N720 naviceiver features a DSP software algorithm to provide noise masking for low level FM station broadcast signals and radio playback of improved clarity.

Easy parking and maneuvering
You can also easily connect a rear-view camera to the Z-N720. The extensive range of accessories offers you a large selection of different models like vehicle-specific cameras for your car.

OmniMask mounting kits by Baseline
The Baseline "OmniMask" kits are tailored for perfect dash-board integration of the Z-N720 in selected European car models. The kits include a car specific front panel and all bits and pieces required for mounting the Z-N720 in given target vehicles, e.g. CAN/Stalk interfaces, antenna adapters, etc.

Navigation

RDS Tuner

USB

Camera

iPod/iPhone

Gracenote

Bluetooth

A/V Input

DVD Player

Security Code

Navigation Navigate by touchscreen quickly and easily throughout Australia & New Zealand	**RDS Tuner** With automatic station search, 30 station memory (18 FM/12 AM) and best station memory	**USB 2.0 Hub** Provides connectivity for three USB 2.0 devices and one cable for iPod/iPhone connection	**Camera** Rear view camera input, manually or automatically activated by putting the car	**iPod/iPhone** iPod/iPhone direct connection and operation via touchscreen
Gracenote Playlist Plus The "More Like This" feature enables to generate style and genre based playlists in USB playback mode	**Bluetooth/A2DP** Integrated Parrot Bluetooth module for hands-free operation and audio streaming, upgradable firmware	**A/V input** A/V port (RCA) for the connection of other external A/V devices like gaming consoles, etc.	**DVD player** Plays CD, CD-R/RW, MP3, WMA, DVD, DVD±R/RW, DVD-MP3, AVI, Xvid and JPEG	**Security Code** Intelligent anti-theft protection based on software monitoring of the power supply

Limitless Connectivity

Due to the integrated USB port and the various A/V in and outputs, there is almost nothing that cannot be connected to the ZENEC naviceiver. The ZENEC program has a wide selection of multimedia-based additional components that are optimally suited to the ZENEC naviceiver. All equipment – external monitors, DVB-T and DAB+ receivers or rear view cameras – can be connected directly to the naviceiver and operated via the touchscreen.

USB 2.0 Hub

There is a cable extension that can be plugged into the back of the device to connect the included USB Hub. The USB Hub allows the connection of up to three USB devices (up to 64 GB each) and the seperately available iPod/iPhone cables ZE-NC-IPS and ZE-NC-IPS5.

Connection of iPod/iPhone

Your iPod/iPhone can be connected using your USB cable or the optional ZE-NC-IPS or ZE-NC-IPS5 (for iPhone 5). The IPS leads not only allow for quick access to all files, but also the control of audio tracks, videos or Podcasts via the naviceiver's touchscreen. It will also charge your iPod/iPhone while your car is on.

Accessories

The ZENEC product range includes many accessories that compliment the Z-N720 such as:

- Rear cameras
- Digital TV Tuner
- DAB+ Tuner
- Rear seat entertainment

Z-N720 Main Features

Navigation

- 3D High-Definition splitscreen navigation
- microSD card based navigation system (on 4 GB memory card)
- Premium POI bundle
- Voice guidance
- Realistic 3D rendering of terrains and landmarks, Tunnel-View, 3D Auto Zoom for crossings and roundabouts, Real Junction View
- Smart Route Planning, Calculation of Real-Time Route Alternatives, Parking Around Algorithm, Detour Hint function, etc.
- Outlook address import, Driver Alerts etc
- Complimentary map updates for one year

Bluetooth

- Parrot Bluetooth hands-free module
- DSP audio processing for background noise
- Synchronization of up to 1,000 phonebook entries with 5 numbers per entry
- Advanced phonebook contact search function
- Selectable internal or external BT microphone

Multimedia | Audio

- DVD loader – compatible media/formats: CD, CD-R/RW, MP3, WMA, DVD, DVD±R, DVD-MP3,
- USB Hub allocating three USB 2.0 memory devices (each up to 64 GB)*1
- Compatible USB file formats: MP3, WMA, AVI, Xvid
- Gracenote "More Like This" for USB audio source and "one-click" generation of playlists by selection of one track
- BT-music streaming via A2DP with AVRCP 1.4
- DSP crossover with HPF/LPF function
- 4 x 40 watts amplifier
- 24 bit D/A converter
- Made for iPod/iPhone

General Features

- 6.2"/15.7 cm 16:9 TFT-LCD touchscreen with HMI
- Detachable 2-DIN main front panel, for retrofitting with vehicle specific panel "OmniMask" panel
- FM RDS tuner with DSP noise masking and 30 preset stations (18 FM/12 AM)
- Multi-Zone function
- Multicolor key illumination
- 1 x IR-Remote control

Connectivity

- 4.1 RCA preamp line outputs (4 V)*3
- 2.0 RCA preamp line outputs (fixed level)*3
- 2 x RCA composite video outputs (NTSC)*3
- 1 x RCA A/V-input (CVBS) for optional RVC use and microphone, audio-in
- 1 x RCA video input for rear view camera (CVBS) with auto-switching function*3
- Connectivity for touchscreen compatible DAB+ or DVB-T devices*3

* Vehicle integration disclaimer: *1 Separately available USB Hub accessory pack Z-EACC-HUB for three USB 2.0 memory devices (each up to 64 GB).
*2 For a limited range of vehicles and exclusive use with Z-N720, a dedicated line of "OmniMask" device mounting kits are available separately.
*3 Separately available accessory pack Z-EACC-AV required.

Company:

ZENEC Australia Pty Ltd · PO Box 138 Everton Park QLD 4053 Australia
Email sales@zenec.com.au · Phone 1300 493 632

Disclaimer · Subject to change without notice and errors.